

7 AFFORDABLE AND
CLEAN ENERGY



FUTUREPLUS



SDG 7: AFFORDABLE & CLEAN ENERGY

A FUTUREPLUS GUIDE

+ “ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL.” (By 2030)

Target 7.1 – Universal access to modern energy

Target 7.2 – Increase global percentage of renewable energy

Target 7.3 – Double the improvement in energy efficiency

Target 7.4 – Promote access to research, technology and investments in clean energy

Target 7.5 – Expand and upgrade energy services for developing countries

+ PROGRESS & INFO

The world is making progress towards Goal 7. Renewable energy solutions are becoming cheaper, more reliable and more efficient every day. Implementing these new energy solutions as fast as possible is essential to counter climate change.

Renewables are forecasted to account for over 90% of global electricity capacity expansion from 2022 to 2027, and renewables are expected to become the largest source of global electricity generation by early 2025.

Access to electricity in poorer countries is accelerating, however, 1 in 10 people still lack electricity and 2.8 billion people rely on polluting and unhealthy fuels for cooking.

More focused attention is needed to:

- Improve access to clean and safe cooking fuels and technologies for 3 billion people.
- Expand the use of renewable energy beyond the electricity sector.
- Increase electrification in sub-Saharan Africa.

The changes needed in energy production and uses to achieve the Paris Agreement target of 2°C can create 18 million jobs.



+ BUSINESS ACTIONS

- Switch to an energy tariff that sources 100% renewable energy.
- Switch to **energy saving technology**. For example the installation of voltage optimisers to minimise energy consumption, or air source heat pumps to heat rooms and water sources.
- Implementing **lighting controls** can help save energy and money. For example, dimmers, motion sensors, occupancy sensors, photosensors, and timers.
- **Increase energy efficiency** – for example, replace old appliances and light bulbs with energy efficient models and seal air leaks in windows and doors.
- Consider incentivising and/or providing equipment to employees to help **reduce energy consumption**. Click [here](#) to read our guide to sustainable home working.

+ ADDITIONAL ACTIONS

- **Invest** in projects which promote innovation in renewable energy practices.
- Support non-profit organisations, such as:
 - [Energy Saving Trust](#)
 - [We Care Solar](#)
 - [Solar Village Project](#)
 - [Solar Electric Light Fund \(SELF\)](#)
 - [Ebico](#) (UK-focused)
- Consider installing **renewable energy facilities**, such as solar panels, in factories and/or offices.
- **Invest** in projects that provide off-grid communities with access to affordable renewable energy.



+ NEED MORE HELP?

We also offer consultancy services if you would like more comprehensive support with achieving your sustainability goals.

Please let us know if you would like more information – we would be happy to provide you with a quote: team@future-plus.co.uk